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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY.'S DOCKET: KATO=21

In Application of:

Art Unit:

Rukio KATO et al

Examiner:

Appln. No.: 10/049,957

Washington, D.C.

Nationalized: February 19, 2002

July 15, 2002

I.A. No: PCT/JP00/05590

I.A. Date: August 21, 2000

For: CHONDROGENESIS STIMULATOR

Confirmation No.: 8967

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir :

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above- identified application, and any other application relying on the filing date of the above-identified application or cross- referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form PTO/SB/08A) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached.

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3. Document AF is not in the English language.
In accordance with §1.98(c), Applicant states:

An English translation of document AF (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application, or English-language abstract (or claim) is enclosed.

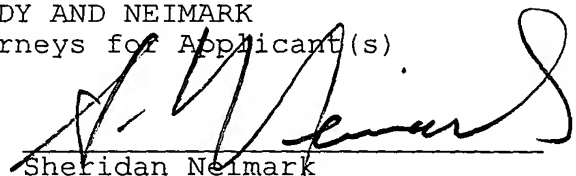
4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/049,957
Filing Date	
First Named Inventor	Yukio KATO
Group Art Unit	
Examiner Name	
Attorney Docket Number	KATO=21

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AA	Wei-qun YAN et al, "Stimulation by Concanavalin A of Cartilage-Matrix Proteoglycan Synthesis in Chondrocyte Cultures", THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1990, Vol. 265, No. 17, pp. 10125-10131.	
	AB	Yukio KATO et al "Roles of Cytokines in Cartilage and Bone Formation and Remodeling-Analyses of Differentiation of Chondrocytes Using Concanavalin A" JOURNAL OF THE SOCIETY OF BONE METABOLISM OF JAPAN, 1992, Vol. 10, No. 2, pp.187-192, (with English Translation).	
	AC	Takeshi KAWAMOTO et al, "Expression of Membrane-Bound Transferring-Like Protein p97 on the Cell Surface of Chondrocytes" EUR. J. BIOCHEM., 1998, Vol 256, pp. 503-509.	
	AD	Timothy M. ROSE et al, "Primary Structure of the Human Melanoma-Associated Antigen p97 (Melanotransferrin) Deduced from the mRNA Sequence" PROC. NATL. ACAD. SCI. USA, 1986, Vol. 83, pp. 1261-1265.	
	AE	Kazuko NAKAMASU et al, "Membrane-Bound Transferrin-Like Protein (MTf): Structure, Evolution and Selective Expression during Chondrogenic Differentiation of Mouse Embryonic Cells", BIOCHIMICA ET BIOPHYSICA ACTA, 1999, Vol 1447, pp. 258-264.	
	AF	Ryo ODA, "Roles of p76/Chondrotransferrin in Chondrocytes Differentiation: Analysis with Anti-Chondrotransferrin Antibodies" THE DENTAL JOURNAL OF HIROSHIMA UNIVERSITY, 1997, Vol 29, No1, pp. 40-57 (with English Translation).	
	AG	Ramon ALEMANY et al, "Glycosyl Phosphatidylinositol Membrane Anchoring of Melanotransferrin (p97): Apical Compartmentalization in Intestinal Epithelial Cells" JOURNAL OF CELL SCIENCE, 1993, Vol 104, pp. 1155-1162.	

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

